

42390P10807

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**REMARKS**

Claims 1-36 are pending in the application. Claims 1, 13, 25, and 35 are independent claims.

Claims 1-8, 11-20, 23-29, and 31-34 have been rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,961,941 ("Nelson"). The examiner argues that Nelson teaches, in column 10, lines 5-63, trapping, by a processor, a change in execution among schedulable entities running on a virtual machine.

Nelson describes a world switch as involving saving the context of the current world and restoring the context of the new world such that the new world can begin executing where it left off the last time that it was running (see column 10, lines 59-63). Even assuming that a world switch is a change in execution among schedulable entities running on a virtual machine, Nelson does not describe trapping, by a processor, a world switch.

Independent claims 1 and 13 include trapping, by a processor, a change in execution among schedulable entities running on a virtual machine. Independent claim 25 includes a processing unit configured to trap a change in execution among schedulable entities running on a virtual machine. Nelson does not describe these limitations, and therefore cannot anticipate claim 1, 13, or 25. Furthermore, Nelson cannot anticipate the invention as set forth in claims 2-8, 11-12, 14-20, 23-29, or 31-34, because of the dependence of each of these claims on an independent claim that Nelson does not anticipate. Each of the independent and dependent claims includes further limitations that Nelson may not describe.

Accordingly, the applicants respectfully request the withdrawal of the rejections of these claims based on the examiner's argument of anticipation by Nelson.

Claims 1, 9, 10, 13, 21, 22, 25, 30, 35, and 36 has been rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,785,886 ("Lim"). The examiner argues that Lim teaches, in column 10, lines 8-45, trapping, by a processor, a change in execution among schedulable entities running on a virtual machine.

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Lim describes switching between a two types of execution engines (see column 10, lines 41-43). Even assuming that switching between two types of execution engines is a change in execution among schedulable entities running on a virtual machine, Lim does not describe trapping, by a processor, a switch between two types of execution engines.

Independent claims 1 and 13 include trapping, by a processor, a change in execution among schedulable entities running on a virtual machine. Independent claims 25 and 35 include a processing unit configured to trap to a privileged entity a change in execution among schedulable entities running on a virtual machine. Lim does not describe these limitations, and therefore cannot anticipate claim 1, 13, 25, or 35. Furthermore, Lim cannot anticipate the invention as set forth in claims 9, 10, 21, 22, or 30, because of the dependence of each of these claims on an independent claim that Lim does not anticipate. Each of the independent and dependent claims includes further limitations that Lim may not describe.

Accordingly, the applicants respectfully request the withdrawal of the rejections of these claims based on the examiner's argument of anticipation by Lim.

Claim 22 has been rejected under 35 U.S.C. § 112 as reciting a limitation with insufficient antecedent basis. Claim 22 has been amended to overcome this rejection.

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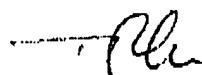
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**CONCLUSION**

Based on the foregoing, it is respectfully submitted that all of the examiner's rejections have been overcome, and that claims 1-36 are in condition for allowance. Therefore, the issuance of a Notice of Allowance is respectfully requested. Please charge any necessary fees to our Deposit Account No. 50-0221.

Respectfully submitted,

Date: February 16, 2006



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Thomas R. Lane  
Registration No. 42,781